

Bruker Sextupole Power Supply DCCT Adjustment Procedure

Caution must be exercised while performing this procedure since harmful voltages exist in the supply while in standby. Use rubber sheets or other means to protect yourself and to guard against a dropped screwdriver. Figure 2 points out the location of potential 480 VAC contact points.

- 1) Set the power supply to the off state and disconnect the AC power from the supply at the wall disconnect switch.
- 2) Open the top cover of the power supply and find the DCCT board. Refer to Figures 1 & 2 for the location of the board, the adjustment potentiometer P3 and the LED.
- 3) Set up your sheet rubber or other means to protect yourself and the equipment.
- 4) Turn on the 480 VAC disconnect switch.
- 5) Place the power supply into standby.
- 6) The adjustment trimpot (P3) was inserted into the board in different orientations by Bruker. If P3 is inserted as shown in Figure 1 then perform steps 9 and 10. If P3 is facing the opposite direction perform steps 7 and 8.
- 7) Turn P3 clockwise until the green LED is off.
- 8) Turn P3 slowly counterclockwise until the green LED turns on then continue another one turn past this point.
- 9) Turn P3 counterclockwise until the green LED is off.
- 10) Turn P3 slowly clockwise until the green LED turns on then continue another one turn past this point.



Figure 1

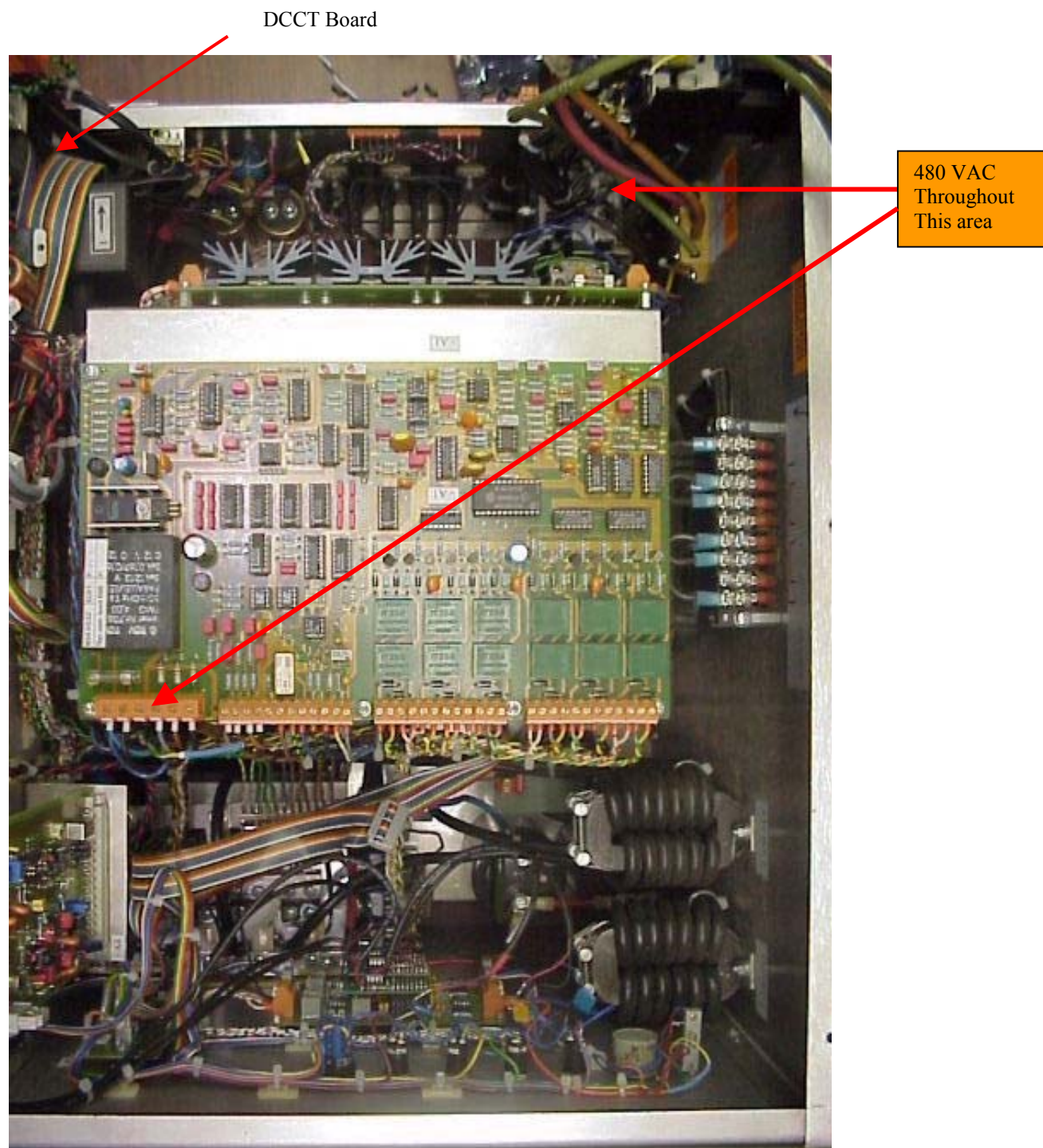


Figure 2

Front of Supply